

upper mold;

a lower mold support assembly to which the lower mold is cyclically transferred from the lower mold shuttle in the use position to provide support thereof while permitting horizontal movement of the lower mold on the lower mold shuttle;

alignment guides that cooperate to move the lower mold horizontally on the lower mold support assembly as necessary into alignment with the upper mold upon each cycle of downward movement of the upper mold to the lower position to provide the glass sheet forming; and

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a quench station including lower and upper quench modules for supplying a quench gas, and a quench shuttle that supports and cyclically moves a quench ring between: (a) a transfer position below the upper mold in the heated chamber where the quench ring is movable horizontally on the quench shuttle as necessary into alignment with the upper mold upon downward movement of the upper mold to deposit a formed glass sheet supported thereby onto the quench ring; and (b) a quench position between the lower and upper quench modules to provide quenching of the formed glass sheet on the quench ring.